

WHAT IS CLAIMED IS:

1. A scan method capable of enhancing scan quality, the scan method comprising the steps of:

5 (a) moving one of a document and a scan module by a predetermined distance from the other;

(b) stabilizing the movement of one of the document and the scan module and consequently making the document and the scan module relatively stationary to each other;

10 (c) illuminating the document with light rays from a light source, and receiving a stable image signal of the document by utilizing an image sensor of the scan module; and

(d) terminating the receiving operation of the image sensor and shutting off the light source after the image sensor has received the stable image signal for a first predetermined period of time.

15 2. The scan method according to claim 1, wherein the step (a) comprises a step of:

feeding the document to generate the predetermined distance from the stationary scan module.

20 3. The scan method according to claim 1, wherein the step (a) comprises a step of:

moving the scan module by the predetermined distance from the stationary document.

4. The scan method according to claim 1, wherein the light source is a light-emitting diode.

5. The scan method according to claim 1, further comprising the steps of:

receiving a first mode signal or a second mode signal selected by a user;

5 executing steps (a) to (d) when the first mode signal is received; and

executing the following steps when the second mode signal is received:

(a1) continually illuminating the document with the light rays from the light source;

(b1) moving one of the document and the scan module by the predetermined distance from the other, and receiving a standard image signal of the document by
10 utilizing the image sensor of the scan module;

(c1) stabilizing the movement of one of the document and the scan module and consequently making the document and the scan module relatively stationary to each other; and

15 (d1) terminating the receiving operation of the image sensor after the image sensor has received the standard image signal for a second predetermined period of time.

6. A scan method capable of enhancing scan quality, the scan method comprising the steps of:

20 (a) continually illuminating a document with light rays from a light source;

(b) moving one of the document and a scan module by a predetermined

distance from the other, and at the same time discarding an unstable image signal of the document by utilizing an image sensor of the scan module;

(c) stabilizing the movement of one of the document and the scan module and consequently making the document and the scan module relatively stationary to each other, and receiving a stable image signal of the document by utilizing the image sensor of the scan module; and

(d) terminating the receiving operation of the image sensor after the image sensor has received the stable image signal for a first predetermined period of time.

10 7. The scan method according to claim 6, wherein the step (b) comprises a step of:

feeding the document to generate the predetermined distance from the stationary scan module.

15 8. The scan method according to claim 6, wherein the step (b) comprises a step of:

moving the scan module by the predetermined distance from the stationary document.

9. The scan method according to claim 6, wherein the image sensor has an electronic shutter.

20 10. The scan method according to claim 6, further comprising the steps of:
receiving a first mode signal or a second mode signal selected by a user;

executing steps (a) to (d) when the first mode signal is received; and

executing the following steps when the second mode signal is received:

(a1) continually illuminating the document with the light rays from the light source;

5 (b1) moving one of the document and the scan module by the predetermined distance from the other, and receiving a standard image signal of the document by utilizing the image sensor of the scan module;

(c1) stabilizing the movement of one of the document and the scan module and consequently making the document and the scan module relatively stationary
10 to each other;; and

(d1) terminating the receiving operation of the image sensor after the image sensor has received the standard image signal for a second predetermined period of time.